

Title (en)

AN IMPROVED PROCESS FOR THE PREPARATION OF SEMAGLUTIDE SIDE CHAIN

Title (de)

VERBESSERTES VERFAHREN ZUR HERSTELLUNG VON SEMAGLUTIDSEITENKETTEN

Title (fr)

PROCÉDÉ AMÉLIORÉ POUR LA PRÉPARATION D'UNE CHAÎNE LATÉRALE DE SÉMAGLUTIDE

Publication

**EP 4132960 A2 20230215 (EN)**

Application

**EP 21729629 A 20210409**

Priority

- IN 202011015687 A 20200410
- IB 2021052948 W 20210409

Abstract (en)

[origin: WO2021205388A2] The present invention relates to an improved process for the preparation of a compound of Formula (1), The invention also provides improved processes for the preparation of intermediates used in the synthesis of Formula (1). The compound of Formula (1) is used in the synthesis of Semaglutide.

IPC 8 full level

**C07K 14/605** (2006.01); **A61K 38/00** (2006.01); **A61K 47/52** (2017.01)

CPC (source: EP US)

**C07C 231/02** (2013.01 - EP US); **C07C 231/12** (2013.01 - US); **C07C 269/06** (2013.01 - EP US); **C07D 207/46** (2013.01 - US);  
**C07D 249/18** (2013.01 - US); **C07K 14/605** (2013.01 - EP); **C07C 2603/18** (2017.04 - EP); **Y02P 20/55** (2015.11 - EP)

Citation (search report)

See references of WO 2021205388A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2021205388 A2 20211014; WO 2021205388 A3 20211118; CN 115315438 A 20221108; EP 4132960 A2 20230215;**  
US 2023295077 A1 20230921

DOCDB simple family (application)

**IB 2021052948 W 20210409; CN 202180023419 A 20210409; EP 21729629 A 20210409; US 202117995857 A 20210409**